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Document Number 13

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File: DWPI

Jan 8, 1998

DERWENT-ACC-NO: 1998-064710

DERWENT-WEEK: 199807

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TITLE: Control cable - has an outer flexible sheath filled with a solid lubricant containing an inserted non rust steel cable coated with poly:tetra:fluoro:ethylene

PRIORITY-DATA:

1997DE-2016149

September 9, 1997

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 29716149 U1	January 8, 1998	N/A	004	F16C001/10

INT-CL (IPC): F16C 1/10

ABSTRACTED-PUB-NO: DE29716149U

BASIC-ABSTRACT:

The control cable to transmit pull-push forces, is in a single section and flexible outer sheath with a non-rust steel cable passed through. The cable is coated over its whole length with polytetrafluoroethylene (PTFE) etc.. The outer sheath has a twisting of max. 16 wires and an inner tube of PTFE, and the inner tube of the sheath is filled with a solid lubricant such as molybdenum sulphide, PTFE or graphite. The sheath can be within a housing of two polymer shells, to contain the inner forces, of polyethylene, polypropylene, polyester and polyamide. The shells are bonded together by a cyanarylate adhesive.

ADVANTAGE - The structure is lighter than conventional control cables, and is mounted and laid rapidly.

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